## Case Name. Serial No. Applicant: Filing Date: Group: C. Pai 26-15-8 C. Pai, et al. February 27, 2004

## **U.S. PATENT DOCUMENTS**

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
	AA	5,989,931	11/23/1999	Ghodsian et al.	438	20	9/24/1997
	AB	U.S. Pat. App. 2003/0213918	11/20/2003	Kameoka et al.	250	425	3/21/2003
	AC	U.S. Pat. App. 2002/0158140	10/31/2002	Ahn et al.	239	102.1	4/18/2001
	AD	U.S. Pat. App. 10/656,432		Pai et al.			9/5/2003
	AE	2,939,952	6/7/1960	Paul et al.	250	41.9	12/21/1954
	AF	5,501,893	3/26/1996	Laermer et al.	418	161	8/5/1994
-	AG	6,541,767	4/1/2003	Kato	250	288	10/12/1999
	AH	6,683,302	1/27/2004	Eriksson	250	288	8/28/2002
	Al	6,462,337	10/8/2002	Li et al.	250	288	4/20/2000
	AJ	6,127,680	10/3/2000	Andrien, Jr. et al.	250	288	3/13/1998
	AK	5,349,186	9/20/1994	Ikonomou et al.	250	288	6/25/1993
	AL	6,140,640	10/31/2000	Wittmer et al.	250	288	2/25/1999
	AM	6,573,494	6/3/2003	Andrien, Jr. et al.	250	288	12/4/2001

## **FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

OTHER (moldaring Addition, Title, Date, Pertillent Pages, etc.)			
	Le Gac, S., et al., "2 ½ D Microfabricated Nib-Like Sources for Nanoelectrospray Applications," 7 <sup>th</sup> Int'l Conference on Miniaturized Chemical and Biochemical Analysis Systems, Squaw Valley, Cal., U.S.A., pp. 1211-1214, October 5-9, 2003.		
	Svedberg, M., et al., "Fabrication of Open PDMS Electrospray Tips Integrated with Microchannels Using Replication from a Nickel Master," 7 <sup>th</sup> Int'l Conference on Miniaturized Chemical and Biochemical Analysis Systems, Squaw Valley, Cal., U.S.A., pp. 375-378, October 5-9, 2003.		
AP	Scheidemann, A.A., et al., "Faraday cup detector array with electronic multiplexing for multichannel mass spectrometry," J. Vac. Sci. Technol. A 20(3), American Vacuum Society, pp. 597-604, May/June 2002.		
AQ	Darling, R.B., et al., "Micromachined Faraday Cup Array Using Deep Reactive Ion Etching," Proc. 14 <sup>th</sup> Int. Conf. Micro. Electro Mechanical Systems, (MEMS 2001), pp. 90-93 (Jan. 2001).		

EXAMINER	DATE CONSIDERED	

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

AR	Spindt, C.A., "Microfabricated field-emission and field-ionization sources," Surface Science 266, pp. 145-154, (1992).
AS	Smith, S.J., et al., "Recent Developments with the Rotating Field Mass Spectrometer (RFMS) and Nanospray Ionizer," 37 pages, The 4 <sup>th</sup> Harsh-Environment Mass Spectrometry Workshop, St. Petersburg Beach, FL, <a href="http://cot.marine.usf.edu/hems/workshop/Workshop%204th/4th WS">http://cot.marine.usf.edu/hems/workshop/Workshop%204th/4th WS</a> program2.htm, October 7-10, 2003.

<sup>\*\*\*</sup>References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.
\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header